

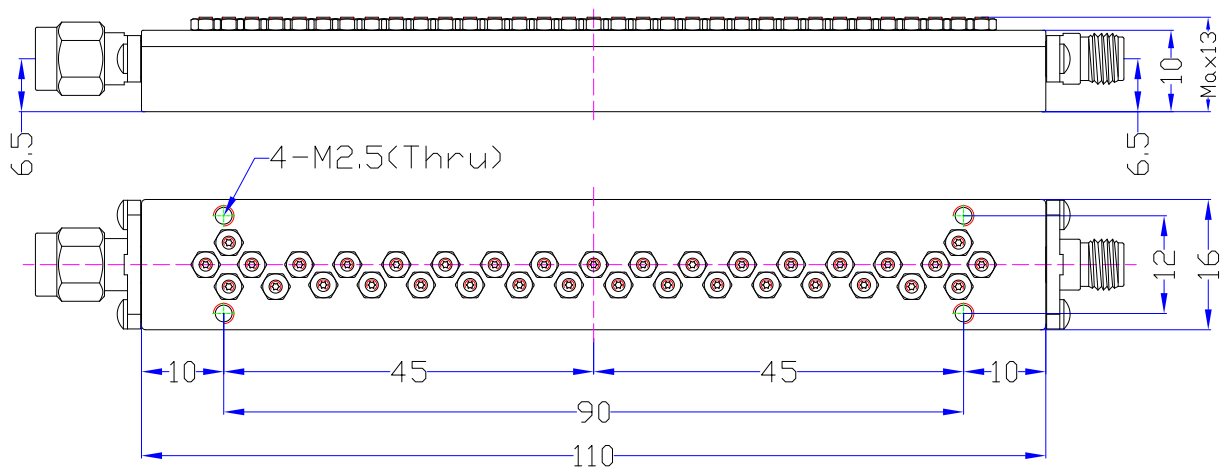
WT-A10350-S17

Comb Band Pass Filter

Technical Data Sheet

S/N	Item	Parameters
1	Center Frequency(F0)	8000MHz
2	0.5dB Pass Band Bandwidth	1800MHz (7100 ~ 8900MHz) **
3	Pass Band Insertion Loss	≤1.0dB
4	Pass Band Ripple	≤0.15dB @ 7500 ~ 8500MHz ≤0.5dB @ 7100 ~ 8900MHz
5	Pass Band Return Loss	≥20dB (Input / Output)
6	Group Delay	≤5.2ns @ peak-peak in the range of 7100 ~ 8900MHz
7	Group Delay Flatness	≤0.55ns @ peak-peak in the range of 7500 ~ 8500MHz ≤2.7ns @ peak-peak in the range of 7100 ~ 8900MHz
8	Stop Band Rejection	≥80dB @ DC ~ 6600MHz ≥30dB @ 9100 ~ 9350MHz ≥30dB @ 6600 ~ 6900MHz ≥80dB @ 9350 ~ 23500MHz
9	Impedance	50 Ohms
10	Power Handling	5.0W Max.
11	Connectors	SMA-Male / SMA-Female
12	Surface Finish	Painted Black
13	Temperature Range	-40°C ~ +80°C
14	Material	Housing: H62 Copper alloy Connectors: Stainless Steel Cover: H62 Copper alloy Other screw: Stainless Steel Tuning screw: H62 Copper alloy
15	Dimensions	110*16*10mm
16	Net weight	0.118 KG

Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.3mm)



** The actual design bandwidth will be greater than the Pass Band Bandwidth, and there is no bandwidth limit.